

# Map & Photo Legend



Tuxedni River, CCI-12-01 as viewed from the Southwest.



Free-oil Containment and Recovery, Shallow Water – one stationed in north entrance to bay and the other stationed in Tuxedni Channel. Nearshore strike team can work in vicinity of CCI-12-02 at tides greater than +8.0 ft. (Tuxedni Channel).



Deflection Booming



Diversion Booming



Protected-water Boom



Snare Boom



Marine Recovery

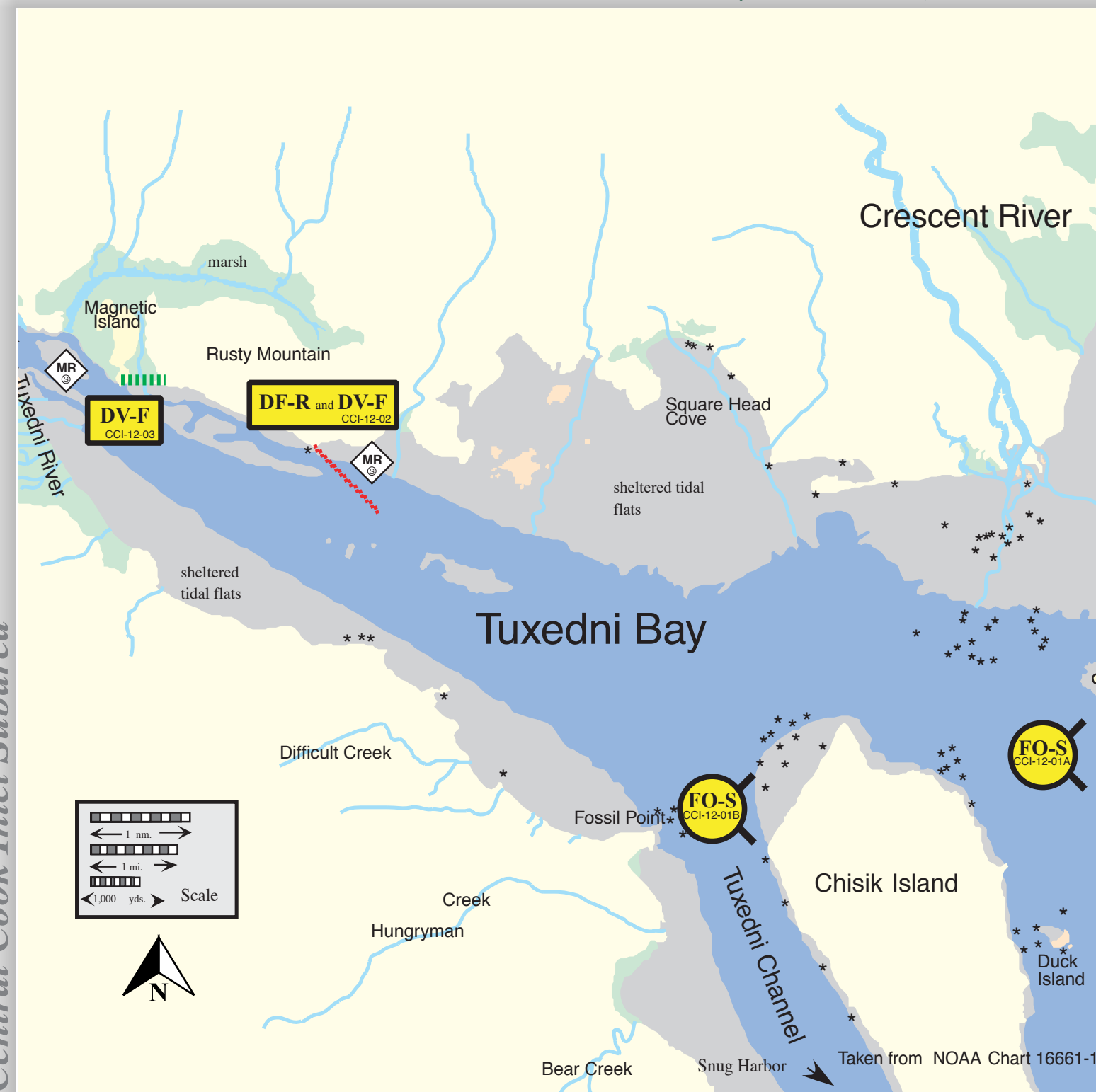


Tuxedni River, CCI-12-01 as viewed from the Southeast.

## Geographic Response Strategies for Central Cook Inlet Subarea

# Tuxedni River, CCI-12

Center of map at 60° 10.8' N Lat., 152° 31.9' W Lon.



This map is not intended to be used for navigation.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
CCI-12-01	<b>Tuxedni Bay</b>  <b>01A</b> Offshore waters in the general area of: Lat. 60° 10.8 N Lon. 152° 31.9 W  <b>01B</b> Nearshore waters in the general area of: Lat. 60° 11.5 N Lon. 152° 39.9 W	* <b>01A</b> Maximize offshore & nearshore recovery efforts to prevent product from entering bay past north of Chisik Island.  * <b>01B</b> Nearshore free-oil recovery at area just west of Chisik Islands where both channels meet. As tide increases to +8 ft., oil recovery possible along north shore approximately 100 yards from shoreline beyond CCI-12-02.	<b>01A</b> Place offshore on-water strike teams to the northeast of Chisik Island near the primary Tuxedni Bay channel for product recovery.  Deploy alternative tactics such as dispersants and burning to the northeast of Chisik Island to minimize product entering Tuxedni Bay.  <b>01B</b> Place nearshore free-oil strike teams to the west of Chisik Island where north and south channels confluence in Tuxedni Bay for on-water product recovery.	Multiple nearshore free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas  Dispersant Strike Teams as required  In-situ Burning Strike Team as required	<ul style="list-style-type: none"><li>• Support platforms/vessels</li><li>• Nearby Snug Harbor facilities with dock</li><li>• Services - none.</li><li>• Security - none.</li><li>• Support - shelter.</li><li>• Homer Harbor.</li></ul>	Via marine waters. See NOAA Charts 16660-1 or 16661-1.	Same as CCI-12-02.	<ul style="list-style-type: none"><li>• Emphasis on offshore and nearshore efforts to keep product off of commercial clamming areas since it would be virtually impossible to protect exposed tidal flats outside of river entrance.</li><li>• Shoal waters and rocks. Vessel masters must have local knowledge.</li></ul>
CCI-12-02	<b>Tuxedni Bay</b>  Located at the west end of Tuxedni Bay on the west side of Cook Inlet. Area is within Lake Clark National Park. Features include sheltered tidal flats, marshes and a few coarse grain sand beaches. Inlet near entrance of river is shallow abraded with defined channels along north and south shores near Magnetic Island and No name Island to the south.  Lat. 60° 13.56 N Lon. 152° 47.51 W  River Channel <ul style="list-style-type: none"><li>• Average depth of 8-10 ft. at high water</li><li>• Defined channels along north and south shores</li><li>• Moderate currents (less than 0.5 KTS)</li><li>• Channel is approximately 400 ft. wide on north side.</li><li>• Tide levels to +13 ft.</li></ul>	* Deflection booming at north shore channel near Rusty Slough to deflect/divert product to north shore collection site.  * Recover spilled product at designated collection sites.  <b>Seasonal Restriction</b> Shoreline ice-covered from approximately November to April.	Place 600 ft. of deflection/diversion boom in a cascade configuration to divert spilled product to north shore collection site.  Collect product with marine collection unit.	<b>Equipment</b> 3 ea. 200 ft. Inland boom units 1 ea. Protected water skimming systems 10 ea. 60+ lb. anchor systems 1 ea. marine storage unit 1000 ft. line  <b>Support</b> 4 ea. vessel class #5/6 1 ea. shelter  <b>Personnel/Shift</b> 6 ea. deploy & set-up 3 ea. tend & maintain	<ul style="list-style-type: none"><li>• Support platforms/vessels</li><li>• Nearby Snug Harbor facilities with dock</li><li>• Services - none.</li><li>• Security - none.</li><li>• Support - shelter.</li><li>• North shore of Chisik Island is privately owned and has beach access for staged equipment.</li><li>• Squarehead Cove has private lodge for berthing, messing, and support services.</li></ul>	<b>FOSC Historic Properties Specialist should MONITOR on-site operations.</b>  National Park Service permit required to implement this strategy. FOSC Historic Properties Title 16 permit may be required to work inside river. Contact Environmental Unit of the Unified Command for permits.  Marine access with shallow draft vessels (May - September).  Helicopter at local elevated clearings.  <b>Seasonal Restriction</b> Shoreline ice-covered from approximately November - April.	<ul style="list-style-type: none"><li>• Tidal marshes (all year)</li><li>• Salmon migration and spawning (May - October)</li><li>• Intertidal salmon spawning (July - September)</li><li>• Waterfowl and shore bird concentrations (May - September)</li><li>• Fishing (July - September)</li><li>• Heavy recreational use (June - September)</li><li>• Commercial fishing (June - September)</li></ul>	<ul style="list-style-type: none"><li>• Take care not to work or walk on oiled shoreline, to avoid driving oil into the soils.</li><li>• Access above intertidal area will have to be resolved with landowners before setting anchors or staging areas.</li><li>• High concentration of brown bears in summer months</li></ul> <b>Seasonal</b> Summer response only. Limited winter access/shoreline ice-covered.
CCI-12-03	<b>Tuxedni River</b>  At on north and south shore tidal flats near Magnetic Island.  Lat. 60° 14.63 N Lon. 152° 52.10 W	* Deflection booming collection along north side at Magnetic Island near slough entrance to keep oil from going further up Tuxedni River.  * Trained crews should haze birds out of river mouth and adjacent marsh areas, once a hazing permit is issued.	Place deflection and collection resources along north shore at Magnetic Island near slough entrance.  Collect product with marine collection unit.	<b>Equipment</b> 2 ea. 200 ft. Inland boom units 1 ea. Protected water skimmer 1 ea. Marine storage unit 6 ea. 60+ lb. anchor systems 1000 ft. line 1 ea. wildlife hazing kit  <b>Support and Personnel</b> Same as CCI-12-02.	Same as CCI-12-02.	Same as CCI-12-02.	Same as CCI-12-02.	Same as CCI-12-02.